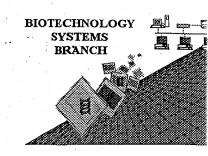
## RAW SEQUENCE LISTING ERROR REPORT



The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following CRF diskette:

Application Serial Number:

09/269,250A

Art Unit / Team No.:

5/1/2000

Date Processed by STIC:

RECEIVED
MAY 23 2000
TC 1600 MAIL ROOM

THE ATTACHED PRINTOUT EXPLAINS THE ERRORS DETECTED.

PLEASE BE SURE TO FORWARD THIS INFORMATION TO THE APPLICANTS BY EITHER:

- 1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANTS ALONG WITH A NOTICE TO COMPLY or,
- 2) CALLING APPLICANTS AND FAXING THEM A COPY OF THE PRINTOUT WITH A NOTICE TO COMPLY

THIS WILL INSURE THAT THE NEXT SUBMISSION RECEIVED FROM THEM WILL BE ERROR FREE.

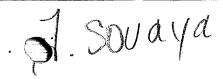
IF YOU HAVE ANY FURTHER QUESTIONS, PLEASE CALL:

**MARK SPENCER 703-308-4212** 

## Raw Equence Listing Error Sum Pary

## SERIAL NUMBER: 09/269250/1 ERROR DETECTED SUGGESTED CORRECTION ATTN: NEW RULES CASES: PLEASE DISREGARD ENGLISH "ALPHA" HEADERS, WHICH WERE INSERTED BY PTO SOFTWARE The number/text at the end of each line "wrapped" down to the next line. 1 \_\_\_\_ Wrapped Nucleics This may occur if your file was retrieved in a word processor after creating it. Please adjust your right margin to .3, as this will prevent "wrapping". The amino acid number/text at the end of each line "wrapped" down to the next line. Wrapped Aminos This may occur if your file was retrieved in a word processor after creating it. Please adjust your right margin to .3, as this will prevent "wrapping". The rules require that a line not exceed 72 characters in length. This includes spaces. \_ Incorrect Line Length The numbering under each 5th amino acid is misaligned. This may be caused by the use of tabs Misaligned Amino Acid between the numbering. It is recommended to delete any tabs and use spacing between the numbers. Numbering This file was not saved in ASCII (DOS) text, as required by the Sequence Rules. Non-ASCII Please ensure your subsequent submission is saved in ASCII text so that it can be processed. contain n's or Xaa's which represented more than one residue. 6 Variable Length As per the rules, each n or Xaa can only represent a single residue. Please present the maximum number of each residue having variable length and indicate in the (ix) feature section that some may be missing. A "bug" in PatentIn version 2.0 has caused the <220>-<223> section to be missing from amino acid 7 \_\_\_\_\_ Patentin ver. 2.0 "bug" \_. Normally, Patentin would automatically generate this section from the previously coded nucleic acid sequence. Please manually copy the relevant <220>-<223> section to the subsequent amino acid sequence. \_ missing. If intentional, please use the following format for each skipped sequence: Skipped Sequences Sequence(s) (2) INFORMATION FOR SEQ ID NO:X: (OLD RULES) (i) SEQUENCE CHARACTERISTICS:(Do not insert any headings under "SEQUENCE CHARACTERISTICS") (xi) SEQUENCE DESCRIPTION:SEQ ID NO:X: This sequence is intentionally skipped Please also adjust the "(iii) NUMBER OF SEQUENCES:" response to include the skipped sequence(s). Sequence(s) \_\_\_\_ missing. If intentional, please use the following format for each skipped sequence. Skipped Sequences <210> sequence id number (NEW RULES) <400> sequence id number 000 Use of n's and/or Xaa's have been detected in the Sequence Listing. Use of <220> to <223> is MANDATORY if n's or Xaa's are present. (NEW RULES) In <220> to <223> section, please explain location of $\bf n$ or $\bf Xaa$ , and $\bf which$ residue $\bf n$ or $\bf Xaa$ represents. Sequence(s) \_\_\_\_\_ are missing this mandatory field or its response. \_\_\_ Use of <213>Organism (NEW RULES) Sequence(s) \_\_\_\_\_ are missing the <220>Feature and associated headings. 12 \_\_\_\_ Use of <220>Feature Use of <220> to <223> is MANDATORY if <213>ORGANISM is "Artificial" or "Unknown" (NEW RULES) Please explain source of genetic material in <220> to <223> section. (See "Federal Register," 6/01/98, Vol. 63, No. 104, pp. 29631-32) (Sec. 1.823 of new Rules) Please do not use "Copy to Disk" function of PatentIn version 2.0. This causes a corrupted PatentIn ver. 2.0 "bug" file, resulting in missing mandatory numeric identifiers and responses (as indicated on raw sequence listing).

Instead, please use "File Manager" or any other means to copy file to floppy disk.





1655

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/269,250A

DATE: 05/11/2000 TIME: 16:14:46 Does Not Comply
Corrected Diskette Needed

Input Set : A:\27991.app

Output Set: N:\CRF3\05112000\1269250A.raw

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3 <110> APPLICANT: Goulmy, Els
5 <120> TITLE OF INVENTION: METHOD FOR TYPING OF MINOR HISTOCOMPATIBILITY ANTIGEN
         HA - 1
8 <130> FILE REFERENCE: 58994
10 <140> CURRENT APPLICATION NUMBER: 09/269,250A
11 <141> CURRENT FILING DATE: 1999-05-21
13 <160> NUMBER OF SEQ ID NOS: 38
15 <170> SOFTWARE: PatentIn Ver. 2.1
17 <210> SEQ ID NO: 1
18 <211> LENGTH: 377
19 <212> TYPE: DNA
20 <213> ORGANISM: Human
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24 ggagggaggg acttggggag gctcagaagg gagggaggct cagatggcag ggagggctgt 120
25 gtggaagagg ccatgacagc taaggctctg agggatgtgt aggagtttgg tgggggagtc 180
26 cctgagcgta cactggctca agagggtgcc cactttattt ttittaaagg atctgatggc 240
27 aattaggagg gaaaggcaga ggaaatgtcc catgcacagg ctcagaaaca cggaaacaga 300
28 gaatgcattt gggggccaag gtgtggggtg ccgctggtgt aggatgaagg catgacaacg 360
29 ccaggcagaa gggcaat
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33 <211> LENGTH: 20
34 <212> TYPE: DNA
35 <213> ORGANISM: Artificial Sequence
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38 <223> OTHER INFORMATION: Description of Artificial Sequence: PRIMER
40 <400> SEQUENCE: 2
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41 gtgctgcctc ctggacactg
44 <210> SEQ ID NO: 3
45 <211> LENGTH: 20
46 <212> TYPE: DNA
47 <213> ORGANISM: Artificial Sequence
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50 <223> OTHER INFORMATION: Description of Artificial Sequence: PRIMER
52 <400> SEQUENCE: 3
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53 tggctctcac cgtcatgcag
56 <210> SEQ ID NO: 4
57 <211> LENGTH: 20
58 <212> TYPE: DNA
59 <213> ORGANISM: Artificial Sequence
61 <220> FEATURE:
62 <223> OTHER INFORMATION: Description of Artificial Sequence: PRIMER
64 <400> SEQUENCE: 4
65 tggctctcac cgtcacgcaa
68 <210> SEQ ID NO: 5
69 <211> LENGTH: 20
70 <212> TYPE: DNA
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DATE: 05/11/2000

TIME: 16:14:46

Input Set : A;\27991.app

RAW SEQUENCE LISTING

Output Set: N:\CRF3\05112000\I269250A.raw

PATENT APPLICATION: US/09/269,250A

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73 <220> FEATURE:
74 <223> OTHER INFORMATION: Description of Artificial Sequence: PRIMER
76 <400> SEQUENCE: 5
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77 geattetetg ttteegtgtt
80 <210> SEQ ID NO: 6
81 <211> LENGTH: 20
82 <212> TYPE: DNA
83 <213> ORGANISM: Artificial Sequence
85 <220> FEATURE:
86 <223> OTHER INFORMATION: Description of Artificial Sequence: PRIMER
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89 cttaaggagt gtgtgctgca
92 <210> SEQ ID NO: 7
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94 <212> TYPE: DNA
95 <213> ORGANISM: Artificial Sequence
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104 <210> SEQ ID NO:
105 <211> LENGTH: 20
106 <212> TYPE: DNA
107 <213> ORGANISM: Artificial Sequence
109 <220> FEATURE:
110 <223> OTHER INFORMATION: Description of Artificial Sequence: PRIMER
112 <400> SEQUENCE: 8
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113 gctgtcatgg cctcttccac
116 <210> SEQ ID NO:
117 <211> LENGTH: 20
118 <212> TYPE: DNA
119 <213> ORGANISM: Artificial Sequence
121 <220> FEATURE:
122 <223> OTHER INFORMATION: Description of Artificial Sequence: PRIMER
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143 <213> ORGANISM: Artificial Sequence
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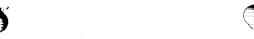


RAW SEQUENCE LISTING DATE: 05/11/2000 PATENT APPLICATION: US/09/269,250A TIME: 16:14:46

Input Set : A:\27991.app

Output Set: N:\CRF3\05112000\1269250A.raw

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164 <210> SEQ ID NO: 13
165 <211> LENGTH: 16
166 <212> TYPE: DNA
167 <213> ORGANISM: Artificial Sequence
169 <220> FEATURE:
170 <223> OTHER INFORMATION: Description of Artificial Sequence: PRIMER
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173 tgtgtgttgc gtgacg
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177 <211> LENGTH: 19
178 <212>
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179 <213> ORGANISM: Artificial Sequence
181 <220> FEATURE:
182 <223> OTHER INFORMATION: Description of Artificial Sequence: PRIMER
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188 <210> SEQ ID NO: 15
189 <211> LENGTH: 18
190 <212> TYPE: DNA
191 <213> ORGANISM: Artificial Sequence
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194 <223> OTHER INFORMATION: Description of Artificial Sequence: PRIMER
196 <400> SEQUENCE: 15
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197 tgtgtgctgc atgacggt
200 <210> SEQ ID NO:
201 <211> LENGTH: 18
202 <212> TYPE: DNA
203 <213> ORGANISM: Artificial Sequence
205 <220> FEATURE:
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212 <210> SEQ ID NO: 17
213 <211> LENGTH: 9
214 <212> TYPE: PRT
215 <213> ORGANISM: HUMAN
217 <220> FEATURE:
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 RAW SEQUENCE LISTING
 DATE: 05/11/2000

 PATENT APPLICATION: US/09/269,250A
 TIME: 16:14:46

Input Set : A:\27991.app

Output Set: N:\CRF3\05112000\I269250A.raw

```
218 <223> OTHER INFORMATION: Wherein Xaa at position 3 represents a histidine
    219 (H) or an arginine (R) residue.
221 <400> SEQUENCE: 17
221 Val Leu Xaa Asp Asp Leu Leu Glu Ala
     223
     226 <210> SEQ ID NO: 18
227 <211> LENGTH: 25
     228 <212> TYPE: DNA
     229 <213> ORGANISM: Artificial Sequence
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     232 <223> OTHER INFORMATION: Description of Artificial Sequence: PRIMER
     234 <400> SEQUENCE: 18
     235 geteetgeat gaegetetgt etgea
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     240 <212> TYPE: DNA
     241 <213> ORGANISM: Artificial Sequence
     243 <220> FEATURE:
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     250 <210> SEQ ID NO: 20
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     255 <220> FEATURE:
     256 <223> OTHER INFORMATION: Description of Artificial Sequence: PRIMER
     258 <400> SEQUENCE: 20
     259 gaaggccaca gcaatcgtct ccagg
                                                                               25
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     267 <220> FEATURE:
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     276 <212> TYPE: DNA
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     279 <220> FEATURE:
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     289 <213> ORGANISM: Artificial Sequence
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 RAW SEQUENCE LISTING
 DATE: 05/11/2000

 PATENT APPLICATION: US/09/269,250A
 TIME: 16:14:46

Input Set : A:\27991.app

Output Set: N:\CRF3\05112000\I269250A.raw

```
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311 <211> LENGTH: 27
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313 <213> ORGANISM: Artificial Sequence
315 <220> FEATURE:
316 <223> OTHER INFORMATION: Description of Artificial Sequence: Exon
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319 <220> FEATURE:
320 <221> NAME/KEY: CDS
321 <222> LOCATION: (1)..(27)
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324 gtg ttg cgt gac gac ctc ctt gag gcc
325 Val Leu Arg Asp Asp Leu Leu Glu Ala
                                                                                  27
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330 <211> LENGTH:
331 <212> TYPE: PRT
332 <213> ORGANISM: Artificial Sequence
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342 <210> SEQ ID NO: 27
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349
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351 <220> FEATURE:
352 <221> NAME/KEY: CDS
353 <222> LOCATION: (1)..(27)
355 <400> SEQUENCE: 27
356 gtg ctg cat gac gac ctc ctt gag gcc
357 Val Leu His Asp Asp Leu Leu Glu Ala
                                                                                  27
```

Lizari Lizari Stant Houstont Legrena Listing

Selved Page

VERIFICATION SUMMARY

DATE: 05/11/2000

PATENT APPLICATION: US/09/269,250A

TIME: 16:14:47

Input Set : A:\27991.app

Output Set: N:\CRF3\05112000\1269250A.raw

L:222 M:258 W: Mandatory Feature missing, <221> not found for SEQ ID#:17 L:222 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:17 L:222 M:340 W: (46) "n" or "Xaa" used: Feature required, for SEQ ID#:17 L:336 M:258 W: Mandatory Feature missing, <220> FEATURE:
L:368 M:258 W: Mandatory Feature missing, <220> FEATURE:
L:507 M:258 W: Mandatory Feature missing, <221> not found for SEQ ID#:37 L:507 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:37 L:507 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:37 L:507 M:258 W: Mandatory Feature missing, <221> not found for SEQ ID#:37 L:520 M:258 W: Mandatory Feature missing, <221> not found for SEQ ID#:38 L:520 M:258 W: Mandatory Feature missing, <221> not found for SEQ ID#:38 L:520 M:340 W: (46) "n" or "Xaa" used: Feature required, for SEQ ID#:38

09/269,250A

<210> 38
<211> 9
<212> PRT
<213> Human

<220>
<223> Isolated Lysis-inducing peptides
<400> 28
Val (Xaa) His Asp Asp (Xaa) Glu Ala

1

5

Xee Asp (Xaa) Glu Ala